Atty. Docket No. N-3023.PKG-US

Application No.: 10/613,409

Office Action Dated: January 5, 2010

**Listing of Claims:** 

1 (previously presented): A low application temperature hot melt adhesive having a

viscosity between about 800 cps and 1500 cps at an adhesive application temperature

below 250°F, and wherein the bonded adhesive heat stress value and the adhesive

application temperature are separated by 100°F or less.

2 (previously presented): The adhesive of claim 1 that is applied at a temperature of about

200°F.

3 (previously presented): The adhesive of claim 1 that is applied at or below a

temperature of 200°F.

4 (previously presented): The adhesive of claim 1 wherein crystallization of the adhesive

when analyzed by differential scanning calorimeter from application temperature to room

temperature at a cooling rate of 150°C/min yields a time between initial cooling and

crystallization of 0.35 minutes or greater.

5 (original): The adhesive of claim 1 that is thermally stable at application temperature

for a period of one hundred hours as indicated by a viscosity change within plus/minus

ten percent of the original application viscosity.

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6 (original): The adhesive of claim 1 further comprising an energy absorbing ingredient.

7 (original): The adhesive of claim 1 further comprising a fragrance.

8 (original): An article of manufacture comprising the adhesive of claim 1.

9 (canceled)

10 (original): The article of claim 8 which is a carton, case, tray, bag or book.

11 (canceled)

12 (original): A packaged article contained within, a carton, case, tray or bag, wherein the carton, case, tray or bag comprises the adhesive of claim 1.

13 (original): The packaged article of claim 12 which is a packaged food article.

14-21 (canceled)

22 (previously presented): The adhesive of claim3 wherein the bonded adhesive heat stress value and the adhesive application temperature are separated by 90°F or less.

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23-24 (canceled)

25 (previously presented): The adhesive of claim 1 comprising an ethylene n-butyl

acrylate copolymer.

26 (previously presented): A low application temperature hot melt adhesive having a

viscosity between about 800 cps and 1500 cps at an adhesive application temperature

below 250°F, the bonded adhesive heat stress value and the adhesive application

temperature axe separated by 100°F or less, the crystallization of the adhesive when

analyzed by differential scanning calorimeter from application temperature to room

temperature at a cooling rate of 150°C/min yields a time between initial cooling and

crystallization of 0.35 minutes or greater: and is thermally stable at the application

temperature for a period of one hundred hours as indicated by a viscosity change within

plus/minus ten percent of the original application viscosity.

27 (previously presented): The adhesive of claim 1 which comprises 20 wt% of an

ethylene n-butyl acrylate copolymer and 10 wt % of an ethylene vinyl acetate copolymer.

28 (previously presented): The adhesive of claim 26 that is applied at a temperature of

about 200°F.

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29 (previously presented): The adhesive of claim 26 that is applied at or below a

temperature of 200°F.